

2005

Open to Public Inspection

Form

990

Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except black lung benefit trust or private foundation)

Department of the Treasury
Internal Revenue Service

▶ The organization may have to use a copy of this return to satisfy state reporting requirements

A For the 2005 calendar year, or tax year beginning 1 January, 2005, and ending 31 December, 20 05

B Check if applicable

- ☐ Address change
☐ Name change
☐ Initial return
☐ Final return
☐ Amended return
☐ Application pending

Please use IRS label or print or type. See Specific Instructions.

C Name of organization

Foundation for Advancements in Science and Education

Number and street (or P O box if mail is not delivered to street address) Room/suite

4801 Wilshire Blvd., 215

City or town, state or country, and ZIP + 4

Los Angeles CA 90010

D Employer identification number

95 3711811

E Telephone number

(323) 937-9911

F Accounting method: ☒ Cash ☐ Accrual☐ Other (specify) ▶

• Section 501(c)(3) organizations and 4947(a)(1) nonexempt charitable trusts must attach a completed Schedule A (Form 990 or 990-EZ).

H and I are not applicable to section 527 organizations

H(a) Is this a group return for affiliates? ☐ Yes ☐ No

H(b) If "Yes," enter number of affiliates ▶

H(c) Are all affiliates included? ☐ Yes ☐ No

(If "No," attach a list. See instructions.)

H(d) Is this a separate return filed by an organization covered by a group ruling? ☐ Yes ☒ No

I Group Exemption Number ▶

M Check ☐ if the organization is not required to attach Sch B (Form 990, 990-EZ, or 990-PF)

G Website: ▶ www.fasenet.org

J Organization type (check only one) ☒ 501(c) (3) ◀ (insert no) ☐ 4947(a)(1) or ☐ 527K Check here ☐ if the organization's gross receipts are normally not more than \$25,000. The organization need not file a return with the IRS, but if the organization chooses to file a return, be sure to file a complete return. Some states require a complete return.

L Gross receipts Add lines 6b, 8b, 9b, and 10b to line 12 ▶

Part I Revenue, Expenses, and Changes in Net Assets or Fund Balances (See the instructions.)

Revenue	1	Contributions, gifts, grants, and similar amounts received:			
	a	Direct public support	1a	293,673	
	b	Indirect public support	1b		
	c	Government contributions (grants)	1c	293,673	
	d	Total (add lines 1a through 1c) (cash \$ _____ noncash \$ _____)	1d	293,673	
	2	Program service revenue including government fees and contracts (from Part VII, line 93)	2	5,199	
	3	Membership dues and assessments	3		
	4	Interest on savings and temporary cash investments	4	71	
	5	Dividends and interest from securities	5		
	6a	Gross rents	6a		
b	Less: rental expenses	6b			
c	Net rental income or (loss) (subtract line 6b from line 6a)	6c			
7	Other investment income (describe ▶)	7			
Expenses	8a	Gross amount from sales of assets other than inventory	(A) Securities	8a	
	b	Less: cost or other basis and sales expenses	8b		
	c	Gain or (loss) (attach schedule)	8c		
	d	Net gain or (loss) (combine line 8c, columns (A) and (B))	8d		
	9	Special events and fundraising (attach schedule) If any amount is from gaming, check here <input type="checkbox"/>			
	a	Gross revenue not including \$ _____ of contributions reported on line 1a	9a		
	b	Less: direct expenses other than fundraising expenses	9b		
	c	Net income or (loss) from special events (subtract line 9b from line 9a)	9c		
	10a	Gross sales of inventory, less returns and allowances	10a	385,257	
	b	Less: cost of goods sold	10b	36,579	
c	Gross profit or (loss) from sales of inventory (attach schedule) (subtract line 10b from line 10a)	10c	348,678		
11	Other revenue (from Part VII, line 103)	11	105,648		
12	Total revenue (add lines 1d, 2, 3, 4, 5, 6c, 7, 8d, 9c, 10c, and 11)	12	753,269		
Net Assets	13	Program services (from line 44, column (B))	13	494,093	
	14	Management and general (from line 44, column (C))	14	168,417	
	15	Fundraising (from line 44, column (D))	15	37,863	
	16	Payments to affiliates (attach schedule)	16		
	17	Total expenses (add lines 16 and 44, column (A))	17	700,373	
18	Excess or (deficit) for the year (subtract line 17 from line 12)	18	52,896		
19	Net assets or fund balances at beginning of year (from line 73, column (A))	19	5,313		
20	Other changes in net assets or fund balances (attach explanation)	20			
21	Net assets or fund balances at end of year (combine lines 18, 19, and 20)	21	58,209		

For Privacy Act and Paperwork Reduction Act Notice, see the separate instructions.

Cat No 11282Y

Form 990 (2005)

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Part II Statement of Functional Expenses

All organizations must complete column (A). Columns (B), (C), and (D) are required for section 501(c)(3) and (4) organizations and section 4947(a)(1) nonexempt charitable trusts but optional for others. (See the instructions.)

Do not include amounts reported on line 6b, 8b, 9b, 10b, or 16 of Part I.		(A) Total	(B) Program services	(C) Management and general	(D) Fundraising	
22	Grants and allocations (attach schedule) . . . (cash \$ _____ noncash \$ _____) If this amount includes foreign grants, check here <input type="checkbox"/>	22				
23	Specific assistance to individuals (attach schedule)	23				
24	Benefits paid to or for members (attach schedule)	24				
25	Compensation of officers, directors, etc.	25	216,843	127,390	55,568	
26	Other salaries and wages	26	126,426	82,955	43,471	
27	Pension plan contributions	27				
28	Other employee benefits	28	14,268	8,382	3,656	
29	Payroll taxes	29				
30	Professional fundraising fees	30	33,691	21,872	11,285	
31	Accounting fees	31	1,046		1,046	
32	Legal fees	32	1,055		1,055	
33	Supplies	33	11,367	7,379	3,808	
34	Telephone	34	16,041	10,414	5,372	
35	Postage and shipping	35	27,021	22,838	4,183	
36	Occupancy	36	49,158	31,913	16,466	
37	Equipment rental and maintenance	37	1,823		1,823	
38	Printing and publications	38	65,878	64,872	1,006	
39	Travel	39	8,361	8,361		
40	Conferences, conventions, and meetings	40	9,576	9,576		
41	Interest	41	4,025		4,025	
42	Depreciation, depletion, etc. (attach schedule)	42				
43	Other expenses not covered above (itemize):					
a	Bank Charges	43a	4,507		4,507	
b	Insurance	43b	11,103		11,103	
c	Other Expenses	43c	4,336	4,293	43	
d	Outreach Programs & Materials	43d	71,640	71,640		
e	Royalties	43e	22,208	22,208		
f		43f				
g		43g				
44	Total functional expenses. Add lines 22 through 43. (Organizations completing columns (B)-(D), carry these totals to lines 13-15)	44	700,373	494,093	168,417	37,863

Joint Costs. Check ☐ if you are following SOP 98-2.

Are any joint costs from a combined educational campaign and fundraising solicitation reported in (B) Program services? ☐ Yes ☒ No

If "Yes," enter (i) the aggregate amount of these joint costs \$ _____, (ii) the amount allocated to Program services \$ _____; (iii) the amount allocated to Management and general \$ _____, and (iv) the amount allocated to Fundraising \$ _____

Part III **Statement of Program Service Accomplishments** *(See the instructions.)*

Form 990 is available for public inspection and, for some people, serves as the primary or sole source of information about a particular organization. How the public perceives an organization in such cases may be determined by the information presented on its return. Therefore, please make sure the return is complete and accurate and fully describes, in Part III, the organization's programs and accomplishments.

What is the organization's primary exempt purpose? ► **Statement 2**

All organizations must describe their exempt purpose achievements in a clear and concise manner. State the number of clients served, publications issued, etc. Discuss achievements that are not measurable. (Section 501(c)(3) and (4) organizations and 4947(a)(1) nonexempt charitable trusts must also enter the amount of grants and allocations to others.)

Program Service Expenses
(Required for 501(c)(3) and (4) orgs., and 4947(a)(1) trusts, but optional for others.)

a Statement 6 - statement of program services

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(Grants and allocations \$) If this amount includes foreign grants, check here ☐

494,093

b

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(Grants and allocations \$) If this amount includes foreign grants, check here ☐

C

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(Grants and allocations \$) If this amount includes foreign grants, check here ☐

d

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.....

.....

(Grants and allocations \$) If this amount includes foreign grants, check here ☐

e Other program services (attach schedule)

(Grants and allocations \$) If this amount includes foreign grants, check here ☐

f Total of Program Service Expenses (should equal line 44, column (B), Program services). ▶

494.093

Part IV Balance Sheets (See the instructions.)

		(A) Beginning of year		(B) End of year
Note: Where required, attached schedules and amounts within the description column should be for end-of-year amounts only.				
Assets	45 Cash—non-interest-bearing	41,681	45	92,381
	46 Savings and temporary cash investments		46	
	47a Accounts receivable 47a			
	b Less: allowance for doubtful accounts 47b		47c	
	48a Pledges receivable 48a			
	b Less: allowance for doubtful accounts 48b		48c	
	49 Grants receivable		49	
	50 Receivables from officers, directors, trustees, and key employees (attach schedule)		50	
	51a Other notes and loans receivable (attach schedule) 51a			
	b Less: allowance for doubtful accounts 51b		51c	
	52 Inventories for sale or use		52	
	53 Prepaid expenses and deferred charges		53	
	54 Investments—securities (attach schedule) <input type="checkbox"/> Cost <input type="checkbox"/> FMV		54	
	55a Investments—land, buildings, and equipment: basis 55a			
	b Less: accumulated depreciation (attach schedule) 55b		55c	
56 Investments—other (attach schedule)		56		
57a Land, buildings, and equipment: basis 57a				
b Less: accumulated depreciation (attach schedule) 57b		57c		
58 Other assets (describe ►)		58		
59 Total assets (must equal line 74). Add lines 45 through 58.	41,681	59	92,381	
Liabilities	60 Accounts payable and accrued expenses		60	
	61 Grants payable		61	
	62 Deferred revenue		62	
	63 Loans from officers, directors, trustees, and key employees (attach schedule)		63	
	64a Tax-exempt bond liabilities (attach schedule) 64a			
	b Mortgages and other notes payable (attach schedule) 64b			
	65 Other liabilities (describe ► Statement 3)	36,368	65	34,172
66 Total liabilities. Add lines 60 through 65		66		
Net Assets or Fund Balances	Organizations that follow SFAS 117, check here <input type="checkbox"/> and complete lines 67 through 69 and lines 73 and 74.			
	67 Unrestricted		67	38,209
	68 Temporarily restricted	5,313	68	20,000
	69 Permanently restricted		69	
	Organizations that do not follow SFAS 117, check here <input type="checkbox"/> and complete lines 70 through 74.			
	70 Capital stock, trust principal, or current funds		70	
	71 Paid-in or capital surplus, or land, building, and equipment fund		71	
	72 Retained earnings, endowment, accumulated income, or other funds		72	
	73 Total net assets or fund balances (add lines 67 through 69 or lines 70 through 72; column (A) must equal line 19; column (B) must equal line 21)	5313	73	58,209
	74 Total liabilities and net assets/fund balances. Add lines 66 and 73	41,681	74	92,381

Part IV-A Reconciliation of Revenue per Audited Financial Statements With Revenue per Return (See the instructions.)

a	Total revenue, gains, and other support per audited financial statements	a	NA
b	Amounts included on line a but not on Part I, line 12:		
1	Net unrealized gains on investments	b1	
2	Donated services and use of facilities	b2	
3	Recoveries of prior year grants	b3	
4	Other (specify):	b4	
	Add lines b1 through b4	b	
c	Subtract line b from line a	c	
d	Amounts included on Part I, line 12, but not on line a :		
1	Investment expenses not included on Part I, line 6b	d1	
2	Other (specify):	d2	
	Add lines d1 and d2	d	
e	Total revenue (Part I, line 12). Add lines c and d	e	NA

Part IV-B Reconciliation of Expenses per Audited Financial Statements With Expenses per Return

a	Total expenses and losses per audited financial statements	a	NA
b	Amounts included on line a but not on Part I, line 17:		
1	Donated services and use of facilities	b1	
2	Prior year adjustments reported on Part I, line 20	b2	
3	Losses reported on Part I, line 20	b3	
4	Other (specify):	b4	
	Add lines b1 through b4	b	
c	Subtract line b from line a	c	
d	Amounts included on Part I, line 17, but not on line a :		
1	Investment expenses not included on Part I, line 6b	d1	
2	Other (specify):	d2	
	Add lines d1 and d2	d	
e	Total expenses (Part I, line 17). Add lines c and d	e	NA

Part V-A Current Officers, Directors, Trustees, and Key Employees (List each person who was an officer, director, trustee, or key employee at any time during the year even if they were not compensated.) (See the instructions.)

(A) Name and address	(B) Title and average hours per week devoted to position	(C) Compensation (If not paid, enter -0-.)	(D) Contributions to employee benefit plans & deferred compensation plans	(E) Expense account and other allowances
Keith Miller 4801 Wilshire Blvd., Suite 215 Los Angeles, CA 9001	President, 40	121,999	10,810	
Carl Smith 4801 Wilshire Blvd., Suite 215 Los Angeles, CA 9001	VP / Secretary 40	94,843	1,620	
Racquel Skolnik 4801 Wilshire Blvd., Suite 215 Los Angeles, CA 9001	Director, 1/2			
Steven Heard 4801 Wilshire Blvd., Suite 215 Los Angeles, CA 9001	Director, 1/2			
Leonard Klein 4801 Wilshire Blvd., Suite 215 Los Angeles, CA 9001	Director, 1/2			
Ray Mellado 4801 Wilshire Blvd., Suite 215 Los Angeles, CA 9001	Director, 1/2			

Yes	No
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Part V-B **Former Officers, Directors, Trustees, and Key Employees That Received Compensation or Other Benefits** (If any former officer, director, trustee, or key employee received compensation or other benefits (described below) during the year, list that person below and enter the amount of compensation or other benefits in the appropriate column. See the instructions.)

[illegible]

	Yes	No
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76	Did the organization engage in any activity not previously reported to the IRS? If "Yes," attach a detailed description of each activity	76	<input checked="" type="checkbox"/>
77	Were any changes made in the organizing or governing documents but not reported to the IRS? If "Yes," attach a conformed copy of the changes.	77	<input checked="" type="checkbox"/>
78a	Did the organization have unrelated business gross income of \$1,000 or more during the year covered by this return?	78a	<input checked="" type="checkbox"/>
b	If "Yes," has it filed a tax return on Form 990-T for this year?	78b	<input checked="" type="checkbox"/>
79	Was there a liquidation, dissolution, termination, or substantial contraction during the year? If "Yes," attach a statement	79	<input checked="" type="checkbox"/>
80a	Is the organization related (other than by association with a statewide or nationwide organization) through common membership, governing bodies, trustees, officers, etc., to any other exempt or nonexempt organization?	80a	<input checked="" type="checkbox"/>
b	If "Yes," enter the name of the organization ▶ The F.A.S.E. Centennial Fund, Inc.		
	and check whether it is <input checked="" type="checkbox"/> exempt or <input type="checkbox"/> nonexempt		
81a	Enter direct and indirect political expenditures. (See line 81 instructions.)	81a	0
b	Did the organization file Form 1120-POL for this year?	81b	<input checked="" type="checkbox"/>

Part VI Other Information (continued)

	Yes	No
82a Did the organization receive donated services or the use of materials, equipment, or facilities at no charge or at substantially less than fair rental value?		<input checked="" type="checkbox"/>
b If "Yes," you may indicate the value of these items here. Do not include this amount as revenue in Part I or as an expense in Part II. (See instructions in Part III.)		
82b		
83a Did the organization comply with the public inspection requirements for returns and exemption applications?	<input checked="" type="checkbox"/>	
b Did the organization comply with the disclosure requirements relating to quid pro quo contributions?	<input checked="" type="checkbox"/>	
83b		
84a Did the organization solicit any contributions or gifts that were not tax deductible?		<input checked="" type="checkbox"/>
b If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?		
84b		
85 501(c)(4), (5), or (6) organizations. a Were substantially all dues nondeductible by members?		
b Did the organization make only in-house lobbying expenditures of \$2,000 or less? If "Yes" was answered to either 85a or 85b, do not complete 85c through 85h below unless the organization received a waiver for proxy tax owed for the prior year.		
c Dues, assessments, and similar amounts from members	85c	
d Section 162(e) lobbying and political expenditures	85d	
e Aggregate nondeductible amount of section 6033(e)(1)(A) dues notices	85e	
f Taxable amount of lobbying and political expenditures (line 85d less 85e)	85f	
g Does the organization elect to pay the section 6033(e) tax on the amount on line 85f?	85g	
h If section 6033(e)(1)(A) dues notices were sent, does the organization agree to add the amount on line 85f to its reasonable estimate of dues allocable to nondeductible lobbying and political expenditures for the following tax year?	85h	
86 501(c)(7) orgs. Enter: a Initiation fees and capital contributions included on line 12	86a	
b Gross receipts, included on line 12, for public use of club facilities	86b	
87 501(c)(12) orgs. Enter: a Gross income from members or shareholders	87a	
b Gross income from other sources. (Do not net amounts due or paid to other sources against amounts due or received from them.)	87b	
88 At any time during the year, did the organization own a 50% or greater interest in a taxable corporation or partnership, or an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? If "Yes," complete Part IX		<input checked="" type="checkbox"/>
89a 501(c)(3) organizations. Enter: Amount of tax imposed on the organization during the year under: section 4911 ▶ ; section 4912 ▶ ; section 4955 ▶		
b 501(c)(3) and 501(c)(4) orgs. Did the organization engage in any section 4958 excess benefit transaction during the year or did it become aware of an excess benefit transaction from a prior year? If "Yes," attach a statement explaining each transaction	89b	<input checked="" type="checkbox"/>
c Enter: Amount of tax imposed on the organization managers or disqualified persons during the year under sections 4912, 4955, and 4958		0
d Enter: Amount of tax on line 89c, above, reimbursed by the organization		0
90a List the states with which a copy of this return is filed ▶ California		
b Number of employees employed in the pay period that includes March 12, 2005 (See instructions.)	90b	7
91a The books are in care of ▶ Keith Miller Telephone no. ▶ (323) 937-9911 Located at ▶ 4801 Wilshire Blvd., Suite 215 Los Angeles, CA ZIP + 4 ▶ 90010		
b At any time during the calendar year, did the organization have an interest in or a signature or other authority over a financial account in a foreign country (such as a bank account, securities account, or other financial account)? If "Yes," enter the name of the foreign country ▶ See the instructions for exceptions and filing requirements for Form TD F 90-22.1, Report of Foreign Bank and Financial Accounts.	91b	<input checked="" type="checkbox"/>
c At any time during the calendar year, did the organization maintain an office outside of the United States? If "Yes," enter the name of the foreign country ▶	91c	<input checked="" type="checkbox"/>
92 Section 4947(a)(1) nonexempt charitable trusts filing Form 990 in lieu of Form 1041—Check here and enter the amount of tax-exempt interest received or accrued during the tax year ▶ 92		<input type="checkbox"/>

Part VII Analysis of Income-Producing Activities (See the instructions.)**Note:** Enter gross amounts unless otherwise indicated.

		Unrelated business income		Excluded by section 512, 513, or 514		(E) Related or exempt function income
		(A) Business code	(B) Amount	(C) Exclusion code	(D) Amount	
93	Program service revenue:					
a	Rent			16	5,199	
b						
c						
d						
e						
f	Medicare/Medicaid payments					
g	Fees and contracts from government agencies					
94	Membership dues and assessments					
95	Interest on savings and temporary cash investments			14	71	
96	Dividends and interest from securities					
97	Net rental income or (loss) from real estate:					
a	debt-financed property					
b	not debt-financed property					
98	Net rental income or (loss) from personal property					
99	Other investment income					
100	Gain or (loss) from sales of assets other than inventory					
101	Net income or (loss) from special events					
102	Gross profit or (loss) from sales of inventory					348,678
103	Other revenue: a Royalties			15	105,648	
b						
c						
d						
e						
104	Subtotal (add columns (B), (D), and (E))				110,918	348,678
105	Total (add line 104, columns (B), (D), and (E))					459,596

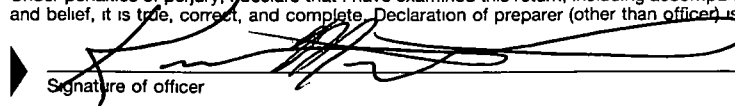
Note: Line 105 plus line 1d, Part I, should equal the amount on line 12, Part I.**Part VIII Relationship of Activities to the Accomplishment of Exempt Purposes** (See the instructions.)

Line No.	Explain how each activity for which income is reported in column (E) of Part VII contributed importantly to the accomplishment of the organization's exempt purposes (other than by providing funds for such purposes).
102	Distribution of videotapes for use in classroom instruction, professional development and other educational uses. These tapes support improvement in mathematics and science instruction.

Part IX Information Regarding Taxable Subsidiaries and Disregarded Entities (See the instructions.)

(A) Name, address, and EIN of corporation, partnership, or disregarded entity	(B) Percentage of ownership interest	(C) Nature of activities	(D) Total income	(E) End-of-year assets
	%			
	%			
	%			
	%			

Part X Information Regarding Transfers Associated with Personal Benefit Contracts (See the instructions.)(a) Did the organization, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? ☐ Yes ☐ No(b) Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract? ☐ Yes ☐ No**Note:** If "Yes" to (b), file Form 8870 and Form 4720 (see instructions).

Please Sign Here	Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.			
	 Signature of officer Keith Miller, President Type or print name and title		Date Aug 15, 06	
Paid Preparer's Use Only	Preparer's signature	Date	Check if self-employed <input type="checkbox"/>	Preparer's SSN or PTIN (See Gen. Inst. W)
	Firm's name (or yours if self-employed), address, and ZIP + 4	EIN	Phone no	

SCHEDULE A
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Organization Exempt Under Section 501(c)(3)

(Except Private Foundation) and Section 501(e), 501(f), 501(k), 501(n),
or 4947(a)(1) Nonexempt Charitable Trust

Supplementary Information—(See separate instructions.)

▶ **MUST be completed by the above organizations and attached to their Form 990 or 990-EZ**

OMB No 1545-0047

2005

Name of the organization

Foundation for Advancements in Science and Education

Employer identification number

95 3711811

Part I Compensation of the Five Highest Paid Employees Other Than Officers, Directors, and Trustees
(See page 1 of the instructions. List each one. If there are none, enter "None.")

(a) Name and address of each employee paid more than \$50,000	(b) Title and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans & deferred compensation	(e) Expense account and other allowances
Marie Cecchini 10841 Wescott Avenue, Sunland CA 91040	Researcher, 40 hrs	59,550	0	0

Total number of other employees paid over \$50,000 . ▶

Part II-A Compensation of the Five Highest Paid Independent Contractors for Professional Services
(See page 2 of the instructions. List each one (whether individuals or firms). If there are none, enter "None.")

(a) Name and address of each independent contractor paid more than \$50,000	(b) Type of service	(c) Compensation
None		

Total number of others receiving over \$50,000 for professional services . ▶

Part II-B Compensation of the Five Highest Paid Independent Contractors for Other Services
(List each contractor who performed services other than professional services, whether individuals or firms. If there are none, enter "None." See page 2 of the instructions.)

(a) Name and address of each independent contractor paid more than \$50,000	(b) Type of service	(c) Compensation
None		

Total number of other contractors receiving over \$50,000 for other services . ▶

Part III Statements About Activities (See page 2 of the instructions.)		Yes	No
1 During the year, has the organization attempted to influence national, state, or local legislation, including any attempt to influence public opinion on a legislative matter or referendum? If "Yes," enter the total expenses paid or incurred in connection with the lobbying activities ► \$ _____ (Must equal amounts on line 38, Part VI-A, or line i of Part VI-B.)	1		✓
Organizations that made an election under section 501(h) by filing Form 5768 must complete Part VI-A. Other organizations checking "Yes" must complete Part VI-B AND attach a statement giving a detailed description of the lobbying activities.			
2 During the year, has the organization, either directly or indirectly, engaged in any of the following acts with any substantial contributors, trustees, directors, officers, creators, key employees, or members of their families, or with any taxable organization with which any such person is affiliated as an officer, director, trustee, majority owner, or principal beneficiary? (If the answer to any question is "Yes," attach a detailed statement explaining the transactions.)			
a Sale, exchange, or leasing of property?	2a		✓
b Lending of money or other extension of credit?	2b		✓
c Furnishing of goods, services, or facilities?	2c	✓	
d Payment of compensation (or payment or reimbursement of expenses if more than \$1,000)?	2d		✓
e Transfer of any part of its income or assets?	2e		✓
3a Do you make grants for scholarships, fellowships, student loans, etc.? (If "Yes," attach an explanation of how you determine that recipients qualify to receive payments.)	3a		✓
b Do you have a section 403(b) annuity plan for your employees?	3b		✓
c During the year, did the organization receive a contribution of qualified real property interest under section 170(h)?	3c		✓
4a Did you maintain any separate account for participating donors where donors have the right to provide advice on the use or distribution of funds?	4a		✓
b Do you provide credit counseling, debt management, credit repair, or debt negotiation services?	4b		✓

Part IV **Reason for Non-Private Foundation Status** (See pages 3 through 6 of the instructions.)

The organization is not a private foundation because it is: (Please check only **ONE** applicable box.)

- 5** ☐ A church, convention of churches, or association of churches. Section 170(b)(1)(A)(i).
- 6** ☐ A school. Section 170(b)(1)(A)(ii). (Also complete Part V.)
- 7** ☐ A hospital or a cooperative hospital service organization. Section 170(b)(1)(A)(iii).
- 8** ☐ A Federal, state, or local government or governmental unit. Section 170(b)(1)(A)(v).
- 9** ☐ A medical research organization operated in conjunction with a hospital. Section 170(b)(1)(A)(iii). **Enter the hospital's name, city, and state ►** _____
- 10** ☐ An organization operated for the benefit of a college or university owned or operated by a governmental unit. Section 170(b)(1)(A)(iv). (Also complete the **Support Schedule** in Part IV-A.)
- 11a** ☒ An organization that normally receives a substantial part of its support from a governmental unit or from the general public. Section 170(b)(1)(A)(vi). (Also complete the **Support Schedule** in Part IV-A.)
- 11b** ☐ A community trust. Section 170(b)(1)(A)(vi). (Also complete the **Support Schedule** in Part IV-A.)
- 12** ☐ An organization that normally receives: **(1) more than 33⅓%** of its support from contributions, membership fees, and gross receipts from activities related to its charitable, etc., functions—subject to certain exceptions, and **(2) no more than 33⅓%** of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See section 509(a)(2). (Also complete the **Support Schedule** in Part IV-A.)
- 13** ☐ An organization that is not controlled by any disqualified persons (other than foundation managers) and supports organizations described in. **(1)** lines 5 through 12 above, or **(2)** sections 501(c)(4), (5), or (6), if they meet the test of section 509(a)(2). Check the box that describes the type of supporting organization ► ☐ Type 1 ☐ Type 2 ☐ Type 3

Provide the following information about the supported organizations. (See page 6 of the instructions.)

(a) Name(s) of supported organization(s)	(b) Line number from above

- 14** ☐ An organization organized and operated to test for public safety. Section 509(a)(4). (See page 6 of the instructions.)

Part IV-A Support Schedule (Complete only if you checked a box on line 10, 11, or 12.) *Use cash method of accounting.***Note:** You may use the worksheet in the instructions for converting from the accrual to the cash method of accounting.

Calendar year (or fiscal year beginning in) ►	(a) 2004	(b) 2003	(c) 2002	(d) 2001	(e) Total
15 Gifts, grants, and contributions received. (Do not include unusual grants. See line 28.)	530,921	261,211	178,891	467,083	1,438,106
16 Membership fees received					
17 Gross receipts from admissions, merchandise sold or services performed, or furnishing of facilities in any activity that is related to the organization's charitable, etc., purpose	165,501	132,594	283,472	336,993	918,560
18 Gross income from interest, dividends, amounts received from payments on securities loans (section 512(a)(5)), rents, royalties, and unrelated business taxable income (less section 511 taxes) from businesses acquired by the organization after June 30, 1975	107,456	117,703	139,634	140,601	505,394
19 Net income from unrelated business activities not included in line 18					
20 Tax revenues levied for the organization's benefit and either paid to it or expended on its behalf					
21 The value of services or facilities furnished to the organization by a governmental unit without charge. Do not include the value of services or facilities generally furnished to the public without charge					
22 Other income. Attach a schedule. Do not include gain or (loss) from sale of capital assets					
23 Total of lines 15 through 22	803,878	511,508	601,997	944,677	2,862,060
24 Line 23 minus line 17	638,377	378,914	318,525	607,684	1,943,500
25 Enter 1% of line 23	8,039	5,115	6,020	9,447	
26 Organizations described on lines 10 or 11:					
a Enter 2% of amount in column (e), line 24					
b Prepare a list for your records to show the name of and amount contributed by each person (other than a governmental unit or publicly supported organization) whose total gifts for 2001 through 2004 exceeded the amount shown in line 26a. Do not file this list with your return. Enter the total of all these excess amounts					
c Total support for section 509(a)(1) test: Enter line 24, column (e)					
d Add: Amounts from column (e) for lines:					
18 <u>505,394</u> 19 _____					
22 _____ 26b <u>363,075</u>					
e Public support (line 26c minus line 26d total)					
f Public support percentage (line 26e (numerator) divided by line 26c (denominator))					
27 Organizations described on line 12:					
a For amounts included in lines 15, 16, and 17 that were received from a "disqualified person," prepare a list for your records to show the name of, and total amounts received in each year from, each "disqualified person." Do not file this list with your return. Enter the sum of such amounts for each year:					
(2004) _____ (2003) _____ (2002) _____ (2001) _____					
b For any amount included in line 17 that was received from each person (other than "disqualified persons"), prepare a list for your records to show the name of, and amount received for each year, that was more than the larger of (1) the amount on line 25 for the year or (2) \$5,000. (Include in the list organizations described in lines 5 through 11b, as well as individuals.) Do not file this list with your return. After computing the difference between the amount received and the larger amount described in (1) or (2), enter the sum of these differences (the excess amounts) for each year:					
(2004) _____ (2003) _____ (2002) _____ (2001) _____					
c Add: Amounts from column (e) for lines:					
15 _____ 16 _____					
17 _____ 20 _____ 21 _____					
d Add: Line 27a total _____ and line 27b total _____					
e Public support (line 27c total minus line 27d total)					
f Total support for section 509(a)(2) test Enter amount from line 23, column (e)					
g Public support percentage (line 27e (numerator) divided by line 27f (denominator))					
h Investment income percentage (line 18, column (e) (numerator) divided by line 27f (denominator))					
28 Unusual Grants: For an organization described in line 10, 11, or 12 that received any unusual grants during 2001 through 2004, prepare a list for your records to show, for each year, the name of the contributor, the date and amount of the grant, and a brief description of the nature of the grant. Do not file this list with your return. Do not include these grants in line 15.					

Part V Private School Questionnaire (See page 7 of the instructions.)
(To be completed ONLY by schools that checked the box on line 6 in Part IV)

	Yes	No
29 Does the organization have a racially nondiscriminatory policy toward students by statement in its charter, bylaws, other governing instrument, or in a resolution of its governing body?	29	
30 Does the organization include a statement of its racially nondiscriminatory policy toward students in all its brochures, catalogues, and other written communications with the public dealing with student admissions, programs, and scholarships?	30	
31 Has the organization publicized its racially nondiscriminatory policy through newspaper or broadcast media during the period of solicitation for students, or during the registration period if it has no solicitation program, in a way that makes the policy known to all parts of the general community it serves? If "Yes," please describe; if "No," please explain. (If you need more space, attach a separate statement.)	31	
32 Does the organization maintain the following.		
a Records indicating the racial composition of the student body, faculty, and administrative staff?	32a	
b Records documenting that scholarships and other financial assistance are awarded on a racially nondiscriminatory basis?	32b	
c Copies of all catalogues, brochures, announcements, and other written communications to the public dealing with student admissions, programs, and scholarships?	32c	
d Copies of all material used by the organization or on its behalf to solicit contributions?	32d	
If you answered "No" to any of the above, please explain (If you need more space, attach a separate statement)		
33 Does the organization discriminate by race in any way with respect to:		
a Students' rights or privileges?	33a	
b Admissions policies?	33b	
c Employment of faculty or administrative staff?	33c	
d Scholarships or other financial assistance?	33d	
e Educational policies?	33e	
f Use of facilities?	33f	
g Athletic programs?	33g	
h Other extracurricular activities?	33h	
If you answered "Yes" to any of the above, please explain. (If you need more space, attach a separate statement.)		
34a Does the organization receive any financial aid or assistance from a governmental agency?	34a	
b Has the organization's right to such aid ever been revoked or suspended? If you answered "Yes" to either 34a or b, please explain using an attached statement.	34b	
35 Does the organization certify that it has complied with the applicable requirements of sections 4 01 through 4.05 of Rev. Proc. 75-50, 1975-2 C.B. 587, covering racial nondiscrimination? If "No," attach an explanation	35	

Part VI-A Lobbying Expenditures by Electing Public Charities (See page 9 of the instructions.)
 (To be completed **ONLY** by an eligible organization that filed Form 5768)

 Check **a** ☐ if the organization belongs to an affiliated group. Check **b** ☐ if you checked "a" and "limited control" provisions apply.

Limits on Lobbying Expenditures		(a) Affiliated group totals	(b) To be completed for ALL electing organizations
(The term "expenditures" means amounts paid or incurred.)			
36	Total lobbying expenditures to influence public opinion (grassroots lobbying)	36	
37	Total lobbying expenditures to influence a legislative body (direct lobbying)	37	
38	Total lobbying expenditures (add lines 36 and 37)	38	
39	Other exempt purpose expenditures	39	
40	Total exempt purpose expenditures (add lines 38 and 39)	40	
41	Lobbying nontaxable amount. Enter the amount from the following table— If the amount on line 40 is— The lobbying nontaxable amount is— Not over \$500,000 20% of the amount on line 40 Over \$500,000 but not over \$1,000,000 \$100,000 plus 15% of the excess over \$500,000 Over \$1,000,000 but not over \$1,500,000 \$175,000 plus 10% of the excess over \$1,000,000 Over \$1,500,000 but not over \$17,000,000 \$225,000 plus 5% of the excess over \$1,500,000 Over \$17,000,000 \$1,000,000	41	
42	Grassroots nontaxable amount (enter 25% of line 41).	42	
43	Subtract line 42 from line 36. Enter -0- if line 42 is more than line 36.	43	
44	Subtract line 41 from line 38. Enter -0- if line 41 is more than line 38.	44	

Caution: If there is an amount on either line 43 or line 44, you must file Form 4720

4-Year Averaging Period Under Section 501(h)

 (Some organizations that made a section 501(h) election do not have to complete all of the five columns below.
 See the instructions for lines 45 through 50 on page 11 of the instructions.)

Calendar year (or fiscal year beginning in) ►	Lobbying Expenditures During 4-Year Averaging Period				
	(a) 2005	(b) 2004	(c) 2003	(d) 2002	(e) Total
45	Lobbying nontaxable amount				
46	Lobbying ceiling amount (150% of line 45(e))				
47	Total lobbying expenditures				
48	Grassroots nontaxable amount				
49	Grassroots ceiling amount (150% of line 48(e))				
50	Grassroots lobbying expenditures				

Part VI-B Lobbying Activity by Nonelecting Public Charities

(For reporting only by organizations that did not complete Part VI-A) (See page 11 of the instructions.)

During the year, did the organization attempt to influence national, state or local legislation, including any attempt to influence public opinion on a legislative matter or referendum, through the use of	Yes	No	Amount
a Volunteers			
b Paid staff or management (Include compensation in expenses reported on lines c through h.)			
c Media advertisements			
d Mailings to members, legislators, or the public			
e Publications, or published or broadcast statements			
f Grants to other organizations for lobbying purposes			
g Direct contact with legislators, their staffs, government officials, or a legislative body			
h Rallies, demonstrations, seminars, conventions, speeches, lectures, or any other means			
i Total lobbying expenditures (Add lines c through h.)			

If "Yes" to any of the above, also attach a statement giving a detailed description of the lobbying activities.

Part VII Information Regarding Transfers To and Transactions and Relationships With Noncharitable Exempt Organizations (See page 12 of the instructions.)

51 Did the reporting organization directly or indirectly engage in any of the following with any other organization described in section 501(c) of the Code (other than section 501(c)(3) organizations) or in section 527, relating to political organizations? _____

a Transfers from the reporting organization to a noncharitable exempt organization of:

(i) Cash

(ii) Other assets

b Other transactions:

(i) Sales or exchanges of assets with a noncharitable exempt organization

(ii) Purchases of assets from a noncharitable exempt organization

(iii) Rental of facilities, equipment, or other assets

(iv) Reimbursement arrangements

(v) Loans or loan guarantees

(vi) Performance of services or membership or fundraising solicitations

c Sharing of facilities, equipment, mailing lists, other assets, or paid employees

d If the answer to any of the above is "Yes," complete the following schedule. Column (b) should always show the fair market value of the goods, other assets, or services given by the reporting organization. If the organization received less than fair market value in any transaction or sharing arrangement, show in column (d) the value of the goods, other assets, or services received:

	Yes	No
51a(i)		✓
a(ii)		✓
b(i)		✓
b(ii)		✓
b(iii)		✓
b(iv)		✓
b(v)		✓
b(vi)		✓
c		✓

[illegible]

52a Is the organization directly or indirectly affiliated with, or related to, one or more tax-exempt organizations described in section 501(c) of the Code (other than section 501(c)(3)) or in section 527? ►

☐ Yes ☐ No

b If "Yes," complete the following schedule.

[illegible]

Statement 6

From 990, part III, line a

Statement of Program Service Accomplishments

Description	Grants & Allocations	Program Service Expenses
<p>Environmental Health</p> <p>▪ New York Rescue Workers Detoxification Project</p> <p><i>Background</i></p> <p>As a result of more than two decades of work regarding the problem of chemical body burden, the Foundation has come to play a unique and vital role in the response to the September 11, 2001 attacks on the World Trade Center.</p> <p>As early as October 2001, FASE staff began to receive calls from rescue workers who were aware of the Foundation's work in the field of environmental exposures and detoxification. Environmental health specialists in other cities who were aware of the potential value of detoxification for rescue workers also began to contact FASE.</p> <p>FASE Senior Associate David Root, MD and FASE President Keith Miller were invited to come to New York by union representatives to discuss the role detoxification could play in alleviating the symptoms seen in rescue workers.</p> <p>A series of additional meetings in New York – with public health officials, rescue workers and physicians caring for the rescue workers – revealed that there were no programs in the city that directly addressed the problem of chemical body burden, and that both rescue workers and union officials felt that a detoxification facility should be established in Manhattan.</p> <p>A project advisory board was established, including experts in the fields of environmental medicine, toxicology and public health, and the New York Rescue Workers Detoxification Project was launched by the International Academy of Detoxification Specialists (IADS).</p> <p>The IADS asked FASE President Keith Miller to assist in the establishment of the new project, and to coordinate the initial fundraising and establishment activities necessary to begin providing detoxification services. The first rescue workers began the program in September 2002, and as the advisory board had mandated, they received services at no cost.</p> <p>By the end of 2005, over 500 men and women had completed detoxification, with uniform – and often dramatic – improvements in quality of life and job</p>		137,020

fitness.

As concerns regarding the continuing effects of 9/11 exposures have escalated, the project remains the only initiative in New York that is addressing body accumulations of chemicals. It is routinely achieving recoveries in cases that have not responded to other forms of treatment – men and women who have been unable to find relief from their symptoms for as long as four years are recovering after three or four weeks of the detoxification regimen.

Outcome Monitoring

From the initial stages of the project, FASE has assumed responsibility for research and evaluation efforts associated with the New York project, including routine outcome monitoring. A review of the case folders of 286 program completions characterizes the symptoms commonly seen among rescue workers and the improvements in these symptoms following detoxification.

	<i>Resolved at discharge</i>	<i>Greatly improved at discharge</i>
Mental Health		
Poor concentration and attention span	84%	12%
Fatigue	82%	14%
Irritability	81%	13%
Impaired memory and mental acuity	78%	20%
Anxiety	88%	12%
Depression	86%	14%
Loss of sleep	80%	16%
Headaches	77%	22%
Lung and Airway		
Sinusitis	91%	9%
Cough	88%	12%
Breathing difficulties	63%	31%
Skin		
Rash or dryness	70%	24%
Musculoskeletal		
Joint pain	72%	16%
Muscle pain	79%	19%
Muscle weakness	87%	12%
Other		
Increased use of alcohol after 9-11	84%	14%
Eye irritation	78%	12%

Almost half of the 286 participants required medication at start of treatment with half of these on airway medications. Upon completion of detoxification, 86 % of these patients no longer required medication. (Note: Reduction or discontinuation of medication occurs only when medically appropriate and is done under physician supervision.)

Pollutants, especially PCBs and heavy metals, disrupt endocrine function,

particularly the thyroid and adrenal glands. Effects include mood disorders, especially depression and anxiety, low energy, weight change, reproductive and skin problems, and altered cholesterol levels. Recent research indicates that thyroid effects may be exacerbated by exposures to multiple toxins. This has obvious relevance to the 9/11 exposures, which involved hundreds, if not thousands of chemicals.

Results of blood chemistry testing of the 286 participants show that approximately 30 percent of patients had abnormal levels of thyroid-related hormones at the start of treatment. By the end of treatment, 66% of these individuals had normal thyroid function with the remaining third improved.

International Conference

The improvements noted among 9/11 rescue workers attracted international attention from the environmental health community. To provide a forum at which these recoveries could be further discussed, FASE helped to organize the Third International Conference on Chemical Contamination and Human Detoxification, held at New York City's Hunter College in September 2005.

The conference brought together researchers and physicians from the US, Europe and Asia who share concerns regarding the health consequences of toxic body burden, whether from large scale exposure incidents or through the environment and the food chain.

The range of potential applications of detoxification therapy is evident from the summary of conference presentations.

Scientific Review of the Detoxification Program

Carl Smith, FASE Senior Editor

Over more than two decades, a continuously evolving body of research has established detoxification as a safe, non-invasive method of reducing symptoms associated with toxic exposure and pointed the way toward a new paradigm for response to exposure incidents.

International Academy of Detoxification Specialists

Keith Miller, FASE President

Background on the establishment of the Academy and its goals and activities.

Panel: The Hubbard Detoxification Program

Panelists: David Root MD,MPH | Kathleen Kerr, MD, University of Toronto

What are the elements of the Hubbard detoxification program, and how do they work together to restore function and vitality?

Toxic Body Burden

George Yu, MD, George Washington University

Burdens within the body are profoundly different in tissue such as peripheral fat compared to blood (or serum). What are the implications for

detoxification studies for short and long-term accumulations? How will clinicians and toxicologists design studies to create the databases needed for short and long-term analysis?

Panel: Detoxification of WTC Rescue Workers

Jonnie Rachinow, MD

The September 11 attacks on the World Trade Center resulted in unprecedented releases of toxic chemicals. What are the compounds of greatest concern and what has been learned from the detoxification of more than 500 individuals exposed during the rescue and recovery operations?

Ray Warshaw

Those who suggest that toxic exposures have made them ill — from Vietnam and Gulf War veterans to citizens living near sites where chemicals are released into the environment — have long been told that their problems are psychological, not physical. Has the time come when this pattern of “blaming the victim” can no longer be supported?

Panel: Applications of Detoxification

Vladislav Chepurko, MD | James Dahlgren, MD

Conrad Maulfair, DO | David Root, MD

Detoxification has proved to be an effective rehabilitative therapy for cases ranging from occupational exposures and fibromyalgia to drug abuse. This panel reviewed these applications and relevant case histories.

Environmental Toxins and Health

David Carpenter, MD, University at Albany, NY

Since the mid-20th century, scientists have struggled to understand the implications of the explosive spread of man-made chemicals throughout soil, air, water and the food chain. What are the most recent discoveries and concerns in the field of environmental health?

Panel: Detoxification of Chernobyl Victims -Long-term Outcome Study

Moderator: James G. Barnes, CHP

Panelists: Evgeny Parshkov, MD, PhD | Victor Sokolov, MD | Vladimir Doroschenko, MD | Anatoly Proshin, MD,

In the 1990s, more than 150 men and women affected by exposures to radiation as a result of the Chernobyl disaster completed the Hubbard detoxification program. Several research projects were conducted on this population and detailed medical information was collected regarding a number of these cases. This panel presented the findings of a recently completed research project which compared the long-term health of individuals who completed detoxification to a Chernobyl-exposed control group.

Toxic Nanoparticles

Antonietta Gatti, PhD, University of Modena

<p>Scientists have only begun to examine the toxic potential of nanoparticles — particles measured in nanometers, or billionths of a meter — which are small enough to enter not only cells, but the nucleus of a cell. This presentation focused on the findings of a small study examining the release of toxic nanoparticles during the sauna portion of the detoxification program -- the first documentation of the exudation of such particles.</p> <p>Panel: The Role of Nutrients in Drug Rehabilitation Panelists: Marie Cecchini, MS, FASE Research Director Kathleen Kerr, MD, University of Toronto An extensive literature review gives new insights into the biochemical impact of specific substances of abuse and the role of nutrients in drug rehabilitation.</p> <p>Panel: Detoxification in Drug Rehabilitation Clark Carr, CCDC In addition to social and psychological impact, the abuse of illicit and pharmaceutical drugs constitutes an intentional toxic exposure. As in the case of environmental chemical exposures, detoxification has proved to be an effective means of relieving the mental and physical consequences.</p> <p>Panel: International Academy of Detoxification Specialists Panelists: Keith Miller David Gaiman International demand for detoxification therapy has reached a new level. This panel will review the implications of the presentations over the previous two days and examine the ways that the Academy and its members can assist those who wish to implement the Hubbard detoxification program.</p>		
<p>Pesticide Project</p> <p>Since 1990, the Foundation has been the primary public record source of detailed information on the export of banned and other hazardous pesticides from US ports. The project has focused on shipments of such products to ports in the developing world, where pesticide over-use, unsafe storage practices and lack of appropriate protective equipment greatly increase their risk.</p> <p>This focus is consistent with the key themes of international efforts to improve pesticide safety. According to the British Journal of Industrial Medicine, while 80 percent of pesticide use occurs in developed countries, developing countries account for 99 percent of pesticide fatalities.</p> <p>In the 1980s, growing awareness of pesticide misuse in the developing world -- in combination with the practice of "dumping" banned or hazardous products in these regions (the "circle of poison") and questionable marketing practices -- led to efforts at reform. Among these was the FAO's International Code of</p>		<p>4,355</p>

<p>Conduct on the Use and Distribution of Pesticides, which raised issues later addressed in the Rotterdam Convention on Prior Informed Consent and the Stockholm Convention on Persistent Organic Pollutants.</p> <p>By tracking the trade in compounds of concern to these agreements, the FASE project provides a unique window on progress toward the goal of ending a “double standard” of pesticide safety.</p> <p>During 2005, export statistics for the year 2003 were analyzed.</p> <p><i>Other activities</i></p> <p>The project director attended the second meeting of the Conference of the Parties to the Rotterdam Convention on Prior Informed Consent (COP2), convened in Rome, Italy at the headquarters of the Food and Agriculture Organization of the United Nations (FAO).</p> <p>Among the most critical issues before the COP is a decision on the inclusion of the chrysotile form of asbestos in the PIC procedure. Prior to the COP, the project director arranged with the publisher of the International Journal of Occupational and Environmental Health (IJOEH) for a copy of a special issue of IJOEH specifically addressing asbestos issues to be mailed to every diplomat attending COP2.</p> <p>The issue contained a collection of papers synthesizing the current state of knowledge regarding health hazards associated with asbestos. These background materials were acknowledged as valuable in more than one plenary session.</p> <p>Data from the project was also presented at the first meeting of the Conference of the Parties to the Rotterdam Convention (COP1), convened in Geneva, Switzerland under the auspices of the United Nations Environment Programme. The project director presented current findings at side meeting for delegates, sharing a panel of international grassroots and labor organizations.</p> <p>One of the primary challenges before COP1 was a decision regarding the addition of the chrysotile form of asbestos to the list of chemicals that fall under the regulatory system established by the Rotterdam Convention. The chemical met all criteria for inclusion, but was expected to be controversial because several States had large chrysotile manufacturing and export industries.</p> <p><i>Classroom materials</i></p> <p>To address general unawareness of the provisions (or even the existence) of international agreements to protect the environment, Foundation staff worked with the American Model UN Foundation (AMUN) to develop a classroom</p>		
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<p>simulation that would raise student awareness of how governments work together to resolve environmental problems.</p> <p>After much discussion, it was decided that students would be asked to simulate a World Health Organization Meeting on DDT. This chemical, introduced into developed countries for malaria control but also used in agriculture, remains controversial after more than three decades. It offers rich possibilities for debate regarding issues ranging from environmental persistence to public health strategies.</p> <p>To facilitate the creation of the “background” materials, FASE staff worked with AMUN to determine 30 appropriate identities for the simulation and researched and collected a wide range of references for AMUN regarding current views of these identities regarding the need for DDT, recent findings of its use in agriculture, etc.</p> <p>The AMUN project is a first step by FASE toward the creation of additional classroom materials, incorporating environmental research and policy documents developed by groups that do not necessarily conduct outreach to educators. The impetus for this activity is to fill the need of classroom teachers in the subjects of biology, social sciences, environmental science, etc. for materials that can add interest and immediacy to their curriculum objectives.</p> <p>An additional objective of this work is the long-term goal of enabling future voters to better understand environmental issues – which rarely have “yes/no” solutions, but require the ability to consider interplay between environmental, health, economic and policy issue. It is unrealistic to expect this kind of thinking to result from media coverage of environmental issues, in which time and space limitations prevent detailed discussion of scientific or policy issues.</p>		
<p>Drugs and Drug Rehabilitation</p> <p>As discussed in the section (above) on the Foundation’s environmental health programs, there is increasing evidence that synthetic chemicals and drugs (both illicit and pharmaceutical) have similar effects on body organs and systems. Physicians who have incorporated detoxification in their practices have long reported success with patients suffering from abuse of prescription medications and illicit drugs.</p> <p>FASE has long had an interest in the subjects of addiction and rehabilitation and in the ways that its long history of work in regard to environmental contaminants might contribute to better understanding of research findings and clinical observations regarding drug abuse.</p> <p>According to researchers at Brandeis University, untreated addiction costs America an estimated \$400 billion each year – an average of more than \$1 billion a day. There is little evidence of significant progress in the battle to end</p>		<p>119,816</p>

<p>this public health crisis.</p> <p>In 2004, FASE research staff and associates participated in several projects aimed at increasing understanding of the elements of effective drug rehabilitation. As one component of this work, staff worked with Rik Lennox, PhD of Psychometrics Technologies to develop an effective, easily implemented survey instrument that could be used at drug rehabilitation facilities for routine outcome monitoring.</p> <p>Such a tool, scientifically validated, would make it possible – perhaps for the first time – to form an accurate picture of the results being achieved in rehabilitation programs. In recent years, it has become increasingly apparent to researchers in this field that a one-time study, no matter how well it is done, is not sufficient to provide an accurate picture of the day in and day out successes (or failures) of treatment programs.</p>		
<p>The National Math Trail</p> <p>Developed with funds from the Star Schools initiative of the US Department of Education, the National Math Trail remains a popular resource for teachers throughout the country. This web-based resource offers teachers and students a unique opportunity to combine technology and real-world mathematics. Participants create “math trails” – collections of problems based on math concepts at work in their community. They then create their own web pages to share this problems with other teachers and students around the country (and around the world) or submit the raw materials to the project, which builds the web pages for them.</p> <p>Hundreds of schools and departments of education have participated in the project, and maintain links to the project website.</p> <p>The following posting from a new teacher’s weblog is typical of response to the project:</p> <p><i>“As a soon-to-be high school math teacher, I have long been concerned with students’ attitudes about math. The majority of high school students don’t like or even hate math. A big part of the problem is the lack of relevance that students see in mathematics. Probably the most common questions I will face is. “What does this have to do with the real world?” and “When will I ever use this?”</i></p> <p><i>“This is why I was so excited to find the National Math Trail. As its introduction states, the National Math Trail “is an opportunity for K-12 teachers and students to discover and share the math that exists in their own environments.” Students explore their communities and create a math problem (or a series of math problems) that relate to what they find. While exploring the community, students choose their own routes, and then create books, websites, PowerPoint presentations (etc., etc.) that present both</i></p>		

<p><i>the trail and the problems they have created (including solutions). Photos, drawing, sound recordings, or videos are used to supplement the problem and provide the "real-world" applications that students are continuously asking about. Often included with the problems is a history of the buildings, businesses, or environments that they are based on. On the site, submissions are indexed according to grade level and math topic. For students and teachers that are technologically challenged, there is a Technology Tutorial that includes a template for the creation of web page submissions.</i></p> <p><i>"The National Math Trail is an excellent opportunity to bring the real-world into the mathematics classroom. It combines language, history, and art into the study of math and can be adapted to all grade levels. Students who access other school's Math Trails can not only work on some student-created problems, but learn a little bit about another community and, perhaps, another culture. Ms. Toliver, a teacher involved in the project, finds that students "begin to have a feeling of ownership for their community, a sense of pride in the things around them." By stressing application and thinking skills, this math project allows students to develop their math skills and understand how they could use those skills. It results in creative and critical math students, instead of students that memorize enough to pass the class. This project benefits not only the students, but math teachers as well - it provides teachers with a new view of their students' understanding."</i></p>		
<p>FASE Productions</p> <p>With support from a series of grants from the US Department of Education, the National Science Foundation, the US Department of Commerce and corporate and private funders, the Foundation has developed more than 70 instructional video programs for classroom and staff development use.</p> <p>This work has received more than 150 awards, including three Peabody Awards – the highest honor in broadcasting.</p> <p>These resources were produced to improve student performance in mathematics and science. Though their content varies, many share the goal of answering the most essential question regarding these subjects: "When am I ever going to use this?"</p> <p>FASE videos feature two of America's most renowned mathematics educators: Jaime Escalante, whose legendary career was depicted in the film <i>Stand and Deliver</i> and Kay Toliver, a Presidential, Disney, Essence and Kilby award winning teacher from New York City's East Harlem.</p> <p>Both of these educators share the belief that all students are "gifted" – and both have the classroom expertise to develop a love of learning in students that others have found "unteachable."</p> <p>FASE programs showcase the strategies and lessons that these master teachers</p>		<p>232,902</p>

<p>have developed over decades in the classroom. They also include on-site interviews with hundreds of professionals who describe the ways that mathematics and science skills are essential to many of the most challenging, creative and rewarding careers.</p> <p>As part of its ongoing mandate to help teachers acquire and implement these materials, Foundation staff engaged in ongoing outreach to K-12 educators, university-based teacher trainers and mathematics consultants.</p> <p>As has been the case for nearly a decade, the Foundation received many requests from administrators and teacher trainers for the Peabody Award-winning special <i>Good Morning Miss Toliver</i>. Though originally produced for primetime broadcast during Back to School Week, this program has become one of America's most popular teacher training resources.</p>		
Total		494,093

Federal Statements
Foundation For Advancements In
Science And Education

95-3711811

Statement 1**Form 990, Part I Line 10****Gross Profit (Loss) from Sales of Inventory**

Items Sold	Amount
Sale of Videotapes	\$ 385,257
Gross sales	\$ 385,257
Less returns & allowances	-
Net sales	\$ 385,257
Less: Cost of goods sold	36,579
Gross profit from sales of inventory	<u>\$ 348,678</u>

Statement 2**Form 990, Part III****Organization's Primary Exempt Purpose**

Organized and operated exclusively for charitable, educational and scientific purposes, the current mission of the Foundation for Advancements in Science and Education is.

To research and report on technical innovations and public policy issues in the areas of education, the environment, technology and health, for the public benefit.

To conduct programs, build partnerships and support efforts that seek to prepare students of all backgrounds for rewarding careers that utilize math, science and technology.

To produce and distribute high quality media products that enlighten and enrich audiences of all ages

Statement 3**Form 990, Part IV, Line 65****Other Liabilities**

	Ending
Line of Credit	\$ 34,172
Total	<u>\$ 34,172</u>

Statement 4**Form 990, Schedule A, Part III 2c****Furnishing of goods, services, or facilities:**

The Foundation entered into a licensing agreement with The Futures Channel, Inc (TFC) for distribution of its media and related products. TFC with its presence in digital media and staff development, enhances the distribution capability of the Foundation's educational products. The Foundation receives royalties and licensing fees for these products. The Foundation rented excess office space to TFC for part of the year. The two entities have two common board members, which constitutes a minority on both boards.